Accepted Manuscript

Title: Electrochemical deposition and dissolution of Fe species for N-doped carbon to understand the degradation mechanism of Pt-free oxygen reduction catalysts

Author: Jiajia Wu Yuta Nabae Azhagumuthu Muthukrishnan

Takeo Ohsaka

PII: S0013-4686(16)31701-7

DOI: http://dx.doi.org/doi:10.1016/j.electacta.2016.08.006

Reference: EA 27784

To appear in: Electrochimica Acta

Received date: 23-5-2016 Revised date: 29-7-2016 Accepted date: 2-8-2016

Please cite this article as: Jiajia Wu, Yuta Nabae, Azhagumuthu Muthukrishnan, Takeo Ohsaka, Electrochemical deposition and dissolution of Fe species for N-doped carbon to understand the degradation mechanism of Pt-free oxygen reduction catalysts, Electrochimica Acta http://dx.doi.org/10.1016/j.electacta.2016.08.006

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

Electrochemical deposition and dissolution of Fe species for N-doped carbon to understand the degradation mechanism of Pt-free oxygen reduction catalysts

Jiajia Wu 1, 2, Yuta Nabae 3, Azhagumuthu Muthukrishnan 3, and Takeo Ohsaka *, 2

- Key Laboratory of Marine Environmental Corrosion and Bio-fouling, Chinese Academy of Sciences, 7 Nanhai Road, Qingdao 266071, China
- Department of Electronic Chemistry, Interdisciplinary Graduate School of Science and Engineering, Tokyo Institute of Technology, G1-5, 4259 Nagatsuta, Midori-ku, Yokohama 226-8502, Japan
- Department of Materials Science and Engineering, Tokyo Institute of Technology,
 2-12-1, Ookayama, Meguro-ku, Tokyo 152-8552, Japan

E-mail: ohsaka@echem.titech.ac.jp

_

^{*} Corresponding author. Tel.: +81 45 924 5404; fax: +81 45 924 5489

Download English Version:

https://daneshyari.com/en/article/4767730

Download Persian Version:

https://daneshyari.com/article/4767730

<u>Daneshyari.com</u>